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(54) Title: A GENE ENCODING VITAMIN B<sub>6</sub> PHOSPHATE PHOSPHATASE AND USE THEREOF

(57) **Abstract:** Disclosed is an isolated DNA encoding vitamin B<sub>6</sub> phosphate phosphatase selected from the group consisting of: (a) a DNA sequence represented in SEQ ID NO:9; (b) a DNA sequence which encodes a polypeptide having vitamin B<sub>6</sub> phosphate phosphatase activity and hybridizes under standard conditions to the DNA sequence defined in (a) or a fragment of thereof; (c) a DNA sequence which encodes a polypeptide having vitamin B<sub>6</sub> phosphate phosphatase activity, wherein said polypeptide is at least 70% identical to the amino acid sequence represented in SEQ ID NO:10; (d) a DNA sequence which encodes a polypeptide having vitamin B<sub>6</sub> phosphate phosphatase activity and is at least 70% identical to the DNA sequence represented in SEQ ID NO:9; (e) a degenerate DNA sequence of any one of (a) to (c).